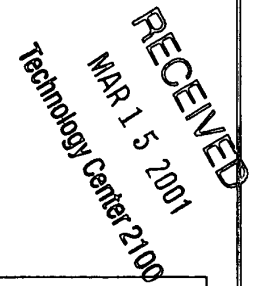
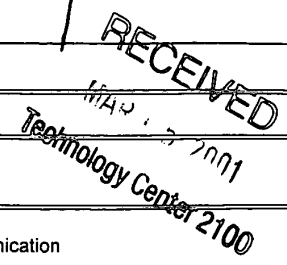
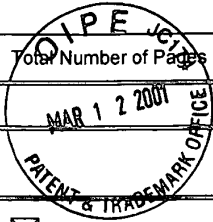


<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/707592	
	Filing Date	11/07/2000	
	First Named Inventor	Robert Cahn	
	Group Art Unit	2123	
	Examiner Name		
Total Number of Pages in this Submission	219	Attorney Docket Number	1999-0415



Enclosures (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits / Declaration(s) <input type="checkbox"/> Petition for Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Drawing(s) & Letter to Official Draftsman <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communications to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Additional enclosure(s) (please identify below) <div style="border: 1px solid black; padding: 2px; width: fit-content;">14 references included</div>
Remarks		

CORRESPONDENCE ADDRESS	
<input type="checkbox"/> Customer Number or Bar Code Label <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<input checked="" type="checkbox"/> Correspondence address below

NAME	Samuel H. Dworetsky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America	FAX	732-368-6932		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
NAME	Robert B. Levy	Reg. #	28234
TELEPHONE	908-221-5714	DATE	3/07/01
SIGNATURE			

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 03/07/2001			
Type or Printed Name	Nancy C. Marcovici		
Signature		Date	03/07/2001

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

## FEE TRANSMITTAL

Patent Fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT  
OF PAYMENT \$240

Applicati n Number	09/707592
Filing Date	11/07/2000
First Named Inventor	Robert Cahn
Examiner Name	
Group/Art Unit	2123
Attorney Docket No.	1999-0415

## METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2745  
 Deposit Account Name AT&T CORP.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

## FEE CALCULATION

## 1. FILING FEE

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
101	710	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	
106	320	Design Filing Fee	
108	710	Reissue Filing Fee	
114	150	Provisional Filing Fee	

SUBTOTAL (1) 0

2. CLAIMS ☐ Filing Under 37CFR 1.53 (b)  
☐ CPA Under 37CFR 1.53 (d)  
☐ Amendment

Extra Claims		Fee from below	Fee Paid
Total	- 20 = 0	x 18	= 0
Ind.	- 3 = 0	x 80	= 0
Multiple Dependent Claims			= 0

Large Fee Code	Entity Fee(\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent Claims in excess of 3
104	270	Multiple Dependent Claims
109	80	Reissue independent claims over original patent
110	18	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 0

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2520	For filing a request for reexamination	
112*	920	Requesting publication of SIR prior to Examiner action	
113*	1840	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1390	Extension for reply within fourth month	
128	1890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1240	Petition to revive - unintentional	
142	1240	Utility issue fee (or reissue)	
143	440	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Statement	240
581	40	Recording each patent assignment per property (times number of properties)	
146	710	Filing a submission after final rejection(37 CFR 1.129(a))	
149	710	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 240

## SUBMITTED BY

Typed or Printed Name Robert B. Levy

Signature

Date

3/07/01

Deposit Account User ID

## Complete (if applicable)

Reg. Number 28234

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

**Inventor(s):** Robert Cahn  
**Docket No.:** 1999-0415  
**Application No.:** 09/707592  
**Filing Date:** 11/07/2000  
**Examiner Name:**  
**Group Art Unit:** 2123  
**Title:** Method For Pricing Network Bandwidth Services On A Virtual Private Network

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

**INFORMATION DISCLOSURE STATEMENT**

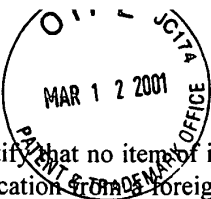
Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☐ 1. This Information Disclosure Statement is being filed, within three months of the U. S. filing date; or within three months of the date of the entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C. F. R. § 1.114, whichever occurs last. No certification or fee is required, 37 C.F.R. § 1.97(b).
- ☒ 2. This Information Disclosure Statement is being filed more than three months of the U.S. filing date, or more than three months after the date of the entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application or after the mailing date of the first Office Action on the merits, but before the mailing date of either a Final Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, whichever occurs first, 37 C.F.R. § 1.97(c).
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement, 37 C.F.R. § 1.97 (e)(1), or

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- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement, 37 C.F.R. § 1.97 (e)(2).
- ☒ c. Please debit Deposit Account No. 01-2745 in the amount of \$240.00 to cover the fee under 37 C.F.R. § 1.17(p) and to ensure consideration of the disclosed information. A duplicate copy of this paper is attached.
- ☐ 3. This Information Disclosure Statement is being filed after the mailing date of either a Final Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the Issue Fee, 37 C.F.R. § 1.97(d).
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement, 37 C.F.R. § 1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement, 37 C.F.R. § 1.97(e)(2).
- ☐ c. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.
- ☐ d. Please debit Deposit Account No. 01-2745 in the amount of \$130.00 to cover the fee under 37 C.F.R. § 1.17(i) and ensure consideration of the disclosed information. A duplicate copy of this paper is attached.

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Technology Center 2100

Date:

3/07/01

Respectfully,

By:

Robert B. Levy, Attorney
Reg. No.: 28234
T: 908-221-5714
F: 732-368-6932

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/707592
Filing Date	11/07/2000
First Named Inventor	Robert Cahn
Group Art Unit	2123
Examiner Name	
Attorney Docket Number	1999-0415

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figure Appears
		Number	Kind Code <sup>2</sup> (if known)			
	AA	4,782,517		J. J. Bernardis et al	11/01/1988	95 pages
	AB	5,200,951		A. Grau et al	04/06/1993	15 pages
	AC	5,297,193		A. Bouix et al	03/22/1994	8 pages
	AD	5,896,565		S. R. Miller	04/20/1999	11 pages
	AE	5,949,764		S. Yoshida	09/07/1999	16 pages
	AF	5,953,400		E. J. Roisenthal et al	09/14/1999	17 pages
	AG	6,038,304		B. E. Hart	03/14/2000	7 pages
	AH	6,044,259		M. Hentila	03/28/2000	11 pages
	AI	6,011,909		D. J. Newlin	01/04/2000	9 pages

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figure Appears	T*
		Office*	Number (if known)	Kind Code <sup>2</sup>				
								<input type="checkbox"/>
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								<input type="checkbox"/>
								<input type="checkbox"/>
Examiner Signature					Date Considered			

\*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents <sup>3</sup> Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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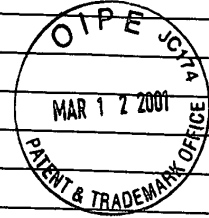
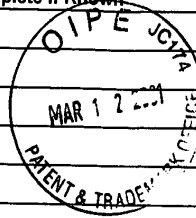
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as (necessary))

Sheet 2 of 2

Complete if Known

Application Number 09/707592  
 Filing Date 11/07/2000  
 First Named Inventor Robert Cahn  
 Group Art Unit 2123  
 Examiner Name  
 Attorney Docket Number 1999-0415

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AJ		"Consumer-Controlled Internet Telephony Goes Beyond Carrier Offerings," Electronic Commerce News, 2000 Phillips Business Information, Inc., Copyright 2000 Dow Jones & Company, Inc., 2 pages.	<input type="checkbox"/>
AK		AT&T - Nextel 1-877-CELLRUS, "Credit Card Security Guarantee," 6 pages.	<input type="checkbox"/>
AL		"Conference Call Services," UC Davis Information Technology, 3 pages.	<input type="checkbox"/>
AM		"Automated Services - which automated service best fits your needs?," Spectel Ltd. and Pfeiffer Public Relations, 6 pages.	<input type="checkbox"/>
AN		"Access Options," ECI's Event Calls Department, 2 pages.	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
-----------------------	--------------------

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<sup>1</sup> Unique citation designation number <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.  
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